

Cowbridge Rural District Council

Annual Report

of the

Medical Officer of Health

for the Year

1955



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COWBRIDGE RURAL DISTRICT COUNCIL

PUBLIC HEALTH OFFICERS, 1955

Medical Officer of Health :

G. McKIM THOMAS,
M.R.C.S., L.R.C.P., L.D.S. (Eng.), D.P.H. (Lond.)

Sanitary Inspector :

HUBERT THOMAS,
M.R.S.I., M.S.I.A., MEAT AND FOODS CERTIFICATE

Technical Assistant :

PHILIP BATTRICK

Clerk :

MISS P. HOPKIN

COWBRIDGE RURAL DISTRICT COUNCIL

HEALTH DEPARTMENT,
EASTGATE STREET,
COWBRIDGE, GLAM.

To the Chairman and Members of the Cowbridge Rural District Council

LADIES AND GENTLEMEN,

The Welsh Board of Health request that the Council will direct that the Medical Officer of Health's Annual Report should follow the general lines which have been indicated and include information asked for in Circular 28/54 (Wales).

I have pleasure in presenting my Annual Report upon matters affecting the Cowbridge Rural District during the year 1955.

The district has been free from any cases of serious infectious disease but there were a larger number of notifications received, namely, 357 as against 127 for the previous year, and this difference was due to the occurrence of more cases of measles.

The general health of the inhabitants has been satisfactory and there are no particular features which might adversely affect their health. The table of expectation of life has again shown that both sexes are living longer. In 1955, 60% of the deaths in the area were in persons over 65 years of age.

Much progress has been made with the new Sewerage Scheme so much so that certain sections are already in working order. More details will be found in the body of the report.

During the year a number of unfit properties have been dealt with either by means of closure or demolition, and an increased number of improvement grants have been made to owners for reconditioning purposes.

There does not appear to be quite the same demand for the placing of caravans in the southern part of the district as was experienced a year or so ago. This appears to be due to a change in conditions at the R.A.F. Stations.

The Service Camps which were taken over after the war still house 57 families and in the general interest of the health of the occupants they should be vacated as early as possible.

SOCIAL CONDITIONS

The Cowbridge Rural Area comprises the southern perimeter of the South Wales Coalfield and a good proportion of the fertile farm lands of the Vale of Glamorgan. The southern boundary is formed by some ten miles of Bristol Channel foreshore, and on the remaining boundaries are the Rural Areas of Penybont, Llantrisant and Llantwit Fardre and Cardiff. The Borough of Cowbridge extends over 85 acres in the centre of the Rural District. There are 28 parishes of varying sizes subdividing the District.

From the centre, the land falls away in a gentle slope towards the sea to form the very fertile agricultural lands which are worked as the main industry of the district. The northern parts of the area are hilly, reaching in some points to 900 feet above sea level.

In this higher portion are sited two important collieries, a by-product works, an iron ore mine, a large milk factory, pre-cast cement factory, a drop forge foundry, a smelting works, and a concrete pipe factory.

Although farming is the major industry in the southern and central areas, a fair proportion of the available labour is absorbed by three large stone quarries and a tile factory in the centre, and by the two large Air Stations at St. Athan and Llandow in the south. The labour forces at the collieries and R.A.F. Stations are supplemented by personnel who come into the area daily from outside.

The new electrical power station at the Leys has been commenced.

Public mains water is available in each village of the twenty-eight parishes. The villages and townships of Llanharan, Brynna, Thomas-town, Ynysmardy, Llanharry and Tylagarw are sewered to municipal disposal works, and those of Llantwit Major, Boverton and St. Athan have sewers to sea outfalls. The Council's hutted sites at Leechemore, Highfield and St. Donats are sewered to private disposal works with the Llandow Aerodrome.

Work is proceeding on the new sewer designed to serve Aberthin, Llanblethian and Cowbridge Borough, and several properties have been connected.

2,641 of the houses in the area are connected to public or private sewerage systems. 3,105 of the houses in the area are provided with water closets.

Refuse collection in the whole area is carried out by direct labour with a small fleet of three modern collection vehicles. Cesspool emptying throughout the area is carried out to satisfaction with a modern mechanical emptier.

The comprehensive refuse bin provision scheme is being extended throughout the area.

Electric light is available in every village of the district and during the year many extensions were made to serve outlying farms and other households.

MAIN INDUSTRIES OF THE AREA 1955

K. Morgan Ltd., Llantwit Major (Agricultural Machinery).
Marley Tile Factory, St. Mary Hill (Roofing Tiles).
The Cambrian Forge and Foundry Ltd., Tylagarw (Drop Forge).
Ministry of Supply, Llandow (Aeroplane Dismantling).
United Clubs Brewery, Tylagarw.
National Coal Board, Coedcly (Brick Manufacture)
Llanharan C.W.S. Dairy (Pasteurising Plant)
38 M.U., R.A.F., Llandow (Aeroplane Fitting)
Norman Watson Decorations Ltd., St. Athan (Building Operations).
W. E. Chivers & Sons, Ltd., St. Athan (Joinery and Building Works)
National Coal Board, Coke Ovens & By-Products, Coedely.
Noah Rees and Griffin Ltd., Llantwit Major (Agricultural Repair Shop).
Glamorgan Agricultural Executive Committee, Crossways (Agricultural Machinery)
19 M.U., R.A.F., St. Athan (Aeronautical Engineers).
Bronze Smelters, Ltd., Tylagarw.
Woolaway Construction Co., Ltd., Tylagarw.
Alcrop Driers Ltd., St. Athan (Crop Driers).
Bird & Howard Ltd., Cowbridge (Tractor, and Agricultural Engineers).
Pontyclun Electric Joinery & Timber Works.
R. S. Bird Ltd., Cowbridge (Motor Mower Engineers).
S. Wales Concrete Pipe Co., Ltd., Coedcae Lane (Concrete Pipe Manufacture).

SECTION A.

STATISTICS OF THE AREA.

Area (in acres)	40,020
Total Population (mid-year 1955)	19,180
Number of houses occupied, December, 1955	3,837
Rateable value (March, 1955)	£94,545
Product of a penny rate (March, 1955)	£373 6s. 11d.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR

BIRTH RATE PER 1,000 POPULATION

Birth Rate for Cowbridge Rural Area	16.32
Birth Rate for England and Wales	15.00
Birth Rate of Administrative County of Glamorgan	15.11
Birth Rate for Rural Districts in Glamorgan	14.33

DEATH RATE PER 1,000 POPULATION

Death Rate for Cowbridge Rural Area	7.98
Death Rate for England and Wales	11.70
Death Rate for Administrative County of Glamorgan	13.09
Death Rate of Rural Districts in Glamorgan	13.24

STILL BIRTHS

The 8 Still Births constitute a rate of 25.5 per 1,000 total Births.

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE

All infants per 1,000 births	19.17
Legitimate infants per 1,000 legitimate live births	19.4
Illegitimate infants per 1,000 illegitimate live births	Nil
Deaths from Measles (under 2 years)	Nil
Deaths from Whooping Cough (under 2 years)	Nil
Deaths from Diarrhoea (under 2 years of age)	Nil

CAUSES OF INFANT DEATHS AT VARIOUS AGES DURING 1955

DISEASES	WEEKS				Total first month	MONTHS				TOTAL
	1	2	3	4		1-3	3-6	6-9	9-12	
Prematurity	4	-	-	-	4	-	-	-	-	4
Meningitis	-	-	-	-	-	1	-	-	-	1
Cerebral haemorrhage	1	-	-	-	1	-	-	-	-	1
TOTALS	5	-	-	-	5	1	-	-	-	6

Births

The number of Births and the Birth Rates in the District and England and Wales for the past sixteen years is shewn in the following table :—

YEAR	BIRTHS	BIRTH RATE FOR AREA	BIRTH RATE FOR ENGLAND AND WALES
1940	223	17.8	14.6
1941	223	17.6	14.2
1942	264	21.5	15.8
1943	275	22.5	16.5
1944	306	24.6	17.6
1945	266	21.7	16.1
1946	281	22.0	19.1
1947	367	28.0	20.5
1948	317	23.1	17.9
1949	315	22.8	16.7
1950	289	16.00	15.8
1951	303	15.26	15.5
1952	295	14.66	15.3
1953	323	15.51	15.5
1954	336	16.80	15.2
1955	313	16.32	15.0

Death Rate

YEAR	COWBRIDGE R.D.	ENGLAND AND WALES
1940....	11.9	14.3
1941....	12.6	12.9
1942....	13.0	11.6
1943....	11.9	12.1
1944....	10.3	11.6
1945....	12.9	11.4
1946....	10.7	11.5
1947....	11.1	12.0
1948....	10.0	10.8
1949....	9.0	11.7
1950....	7.59	11.6
1951....	7.46	12.5
1952....	6.96	11.3
1953....	5.76	11.4
1954	6.85	11.3
1955....	7.98	11.7

GLAMORGAN (ADMINISTRATIVE COUNTY)—VITAL STATISTICS, 1955

					Estimated Population 1955	Births		Deaths		Infant Mortality		Neo-Natal Mortality		
						Number of Births	Rate per 1,000 Population	Number of Deaths	Rate per 1,000 Population	Deaths under 1 Year	Rate per 1,000 Live Births	Deaths under 4 weeks	Rate per 1,000 Live Births	
England and Wales	....	....	....	....	—	—	15.00	—	11.7	—	29.9	—	17.3	
Administrative County	....	.....	....	....	737,400	11,137	15.10	9,653	13.09	374	33.58	253	22.72	
Urban Districts	....	....	....	....	534,900	8,236	15.40	6,972	13.03	286	34.73	189	22.95	
Rural Districts	....	....	....	....	202,500	2,901	14.33	2,681	13.24	88	30.33	64	22.06	
Health Division Aberdare and Mountain Ash	Constituent Districts				....	40,500	551	13.60	677	16.72	18	32.67	14	25.41
	Aberdare Urban				....	30,800	465	15.10	443	14.38	17	36.56	13	27.96
Caerphilly and Gelligaer	Caerphilly Urban				....	36,960	668	18.07	398	10.77	24	35.93	16	23.95
	Gelligaer Urban				....	36,170	672	18.58	449	12.41	33	49.11	21	31.25
Mid-Glamorgan	Bridgend Urban				....	14,260	250	17.53	150	10.52	4	16.00	4	16.00
	Maesteg Urban				....	22,820	363	15.91	287	12.53	16	44.08	6	16.53
	Ogmore and Garw Urban				....	22,240	329	14.79	269	12.10	7	21.28	7	21.28
	Porthcawl Urban				....	9,840	148	15.04	144	14.63	6	40.54	4	27.03
	Penybont Rural				....	35,110	499	14.21	535	15.24	22	44.09	15	30.06
Neath and District	Neath M.B.				....	31,420	397	12.64	437	13.91	16	40.30	13	32.75
	Neath Rural				....	41,200	566	13.74	519	12.60	23	40.64	16	28.27
Pontypridd and Llantrisant	Llantrisant Rural				....	25,600	435	16.99	308	12.03	13	29.89	9	20.69
	Pontypridd Urban				....	37,980	523	13.77	535	14.09	20	38.24	15	28.68
Port Talbot and Glyncorrgw	Glyncorrgw Urban				....	9,560	182	19.04	100	10.46	8	43.96	3	16.48
	Port Talbot M.B.				....	46,680	877	18.79	511	10.95	30	34.21	23	26.23
South-East Glamorgan	Barry M.B.				....	41,810	708	16.93	466	11.15	19	26.84	13	18.36
	Cardiff Rural				....	37,450	491	13.11	523	13.97	10	20.37	8	16.29
	Cowbridge M.B.				....	1,030	15	14.56	13	12.62	2	133.33	1	66.67
	Cowbridge Rural				....	19,180	313	16.32	153	7.98	6	19.17	5	15.97
	Penarth Urban				....	18,970	279	14.71	222	11.70	8	28.67	3	10.75
West Glamorgan	Gower Rural				....	11,790	165	13.99	170	14.42	5	30.30	3	18.18
	Llwchwi Urban				....	25,650	322	12.55	294	11.46	10	31.06	6	18.63
	Pontardawe Rural				....	32,170	432	13.43	473	14.70	9	20.83	8	18.52
Rhondda	....	....	....	....	108,210	1,487	13.74	1,577	14.57	48	32.28	27	18.16	

Ages of Death in Cowbridge Rural Area

AGE GROUP	1951		1952		1953		1954		1955	
	M	F	M	F	M	F	M	F	M	F
Under 1 year	5	4	3	6	5	2	4	1	5	1
1—10	-	3	1	1	1	2	3	-	2	2
11—20	1	1	1	1	2	-	-	-	5	1
21—30	5	3	2	-	3	2	2	-	2	-
31—40	5	1	2	1	3	3	2	5	1	4
41—50	7	4	3	1	6	6	6	3	6	5
51—60	16	7	10	7	10	8	10	7	11	6
61—65	9	3	8	6	8	2	9	12	9	1
66—70	12	6	9	9	7	5	10	4	19	6
71—75	11	2	15	10	6	4	11	10	10	7
76—80	8	14	6	11	8	9	10	5	8	10
81—85	8	6	9	9	6	5	9	4	11	10
86—90	4	2	1	2	2	5	3	5	6	2
91—95	-	1	3	2	1	1	2	-	1	1
96—100	-	-	-	1	-	-	-	-	-	1
	91	57	73	67	68	52	81	56	96	57

Percentage of Deaths over 65 years of age	1951	.....	50%
" " " " " "	1952	.....	62%
" " " " " "	1953	.....	49%
" " " " " "	1954	.....	53%
" " " " " "	1955	.....	60%

CAUSES OF DEATH—1955

The following table sets out in order details of the number of deaths under the various heads :—

<i>Disease</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
Tuberculosis, Respiratory	3	—	3
Tuberculosis, Other	—	—	—
Syphilitic Disease	—	—	—
Diphtheria	—	—	—
Whooping Cough	—	—	—
Meningococcal Infections	—	—	—
Acute Poliomyelitis	—	—	—
Measles	—	—	—
Other Infective and Parasitic Diseases	—	—	—
Malignant Neoplasm, Stomach	8	4	12
Malignant Neoplasm, Lungs, Bronchus ...	4	—	4
Malignant Neoplasm, Breast	—	4	4
Malignant Neoplasm, Uterus	—	2	2
Other Malignant and Lymphatic Neoplasms	7	6	13
Leukaemia, aleukaemia ...	—	1	1
Diabetes	—	1	1
Vascular Lesions of Nervous System	13	9	22
Coronary Disease, Angina	10	1	11
Hypertension with Heart Disease	1	—	1
Other Heart Disease	9	12	21
Other Circulatory Disease	4	3	7
Influenza	—	—	—
Pneumonia	2	2	4
Bronchitis	8	2	10
Other Diseases of Respiratory system	3	—	3
Ulcer of Stomach and Duodenum	1	—	1
Gastritis, Enteritis and Diarrhoea ...	—	—	—
Nephritis and Nephrosis	1	1	2
Hyperplasia of Prostate	1	—	1
Pregnancy, Childbirth, Abortion	—	—	—
Congenital Malformations	2	1	3
Other Defined and Ill-defined Diseases	10	6	16
Motor Vehicle Accidents	3	—	3
All Other Accidents	5	2	7
Suicide	1	—	1
Homicide and Operations of War	—	—	—
TOTAL	96	57	153

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Laboratory Facilities

Pathological specimens are examined at the Ministry of Health's Laboratory, The Parade, Cardiff. Chemical analysis is conducted by The Cardiff and County Public Health Laboratory at the same address.

Treatment Centres

<i>Disease</i>	<i>Clinic</i>
Tuberculosis	(a) Tuberculosis Dispensary, Old Cottage Hospital, Bridgend. (b) Tuberculosis Dispensary, Court House Street, Pontypridd.
Venereal Diseases	(a) Central Homes, Court House Street, Pontypridd. (b) Public Health Offices, Woodlands Road, Barry.

Hospitals

(a) GENERAL HOSPITALS

Patients from this Area needing medical or surgical attention are admitted to:—

1. Cardiff Royal Infirmary.
2. The Mid-Glamorgan County Hospital, Quarella Road, Bridgend.
3. R.A.F. Hospital, St. Athan.

(b) ORTHOPAEDIC HOSPITALS

Orthopaedic cases may receive treatment at the Prince of Wales Hospital, The Parade, Cardiff. In-patients are also treated at Crossways Hospital, Cowbridge (within this Area), and at Rhydlafar Hospital.

(c) INFECTIOUS CASES

Cases are usually admitted to the Isolation Hospital, Cefn Hirgoed, near Bridgend, but under the regionalisation of Hospitals, patients are occasionally admitted to Infectious Disease Hospitals in other localities.

Ambulance Facilities

The Area Ambulance Services are administered from the Divisional Fire Service Station, Bridgend. One vehicle is stationed at the Ambulance Centre, Town Hall, Cowbridge, and another is based at the new Ambulance Station at Llanmaes Road, Llantwit Major.

Mortuary

I should like to stress the need for a public mortuary in the Southern portion of the area. At the present time bodies have to be removed to the mortuaries attached to hospitals.

Committees

The Public Health and Housing Committees deal with public health matters and the full Council also considers special health subjects.

National Assistance Acts, 1948, 1951

Considerable difficulty was experienced during the year in removing to hospital an aged pensioner at Llanharan who was living alone in insanitary conditions.

Unfortunately, all the conditions of Section 47 of the 1948 Act were not complied with and the person concerned was not agreeable to enter an institution voluntarily. He was subsequently removed to hospital at Bridgend following an injury and he died at the hospital.

Arrangements were made by the Council for the burial of a man at Llanharan where no suitable arrangements appeared to have been made other than by the District Council.

The Council have given the Sanitary Inspector authority to deal with the burial of cases where the conditions of Section 15 of the 1948 Act are satisfied.

PREVALENCE and CONTROL OVER INFECTIOUS DISEASES

The number of cases of infectious diseases which were notified during the year was 357 and for the previous year 127. This increase was due almost entirely, to an outbreak of measles which was particularly widespread.

I feel that I must draw attention again to the importance of babies and young children being protected against diphtheria by being immunised and even so, what is equally important, is that "booster" doses should be given upon the child entering school and again at the age of 8-9 years.

Vaccination

This is no longer compulsory, but it is still considered very desirable that infants should receive this protection.

The following figures have been obtained from the Divisional Medical Officer.

IMMUNISATION, 1955			VACCINATION, 1955
<i>Under 5 years</i>	<i>5-15 years</i>	<i>Booster</i>	<i>Children Vaccinated</i>
194	8	150	67

Scarlet Fever

This disease has been less in evidence this year and only three cases were involved as against thirteen for the previous year. It was only necessary for one of these cases to be admitted to hospital.

Measles

284 notifications were received of which two cases were admitted to hospital.

Whooping Cough

This year ten cases were notified which is thirty-two less than the previous year. This disease is much less severe than it was formerly.

Pneumonia

Twenty-four notifications were received and of these sixteen were admitted to hospital.

Cerebro Spinal Meningitis

A four year old boy was admitted to Cardiff City Isolation Hospital in March, 1955, suffering from this disease.

Salmonella Typhimurium

At the beginning of the year a one year old baby was admitted to Cefn Hirgoed Isolation Hospital where diagnosis was confirmed as salmonella typhimurium. A long course of in-patient treatment still left the child as a positive carrier and he was discharged with a request to the Department for special surveillance.

Treatment was continued by the family doctor and regular swabbing carried out by the Department. It was not until the end of June that the necessary three negative swabs were obtained.

Sonne Dysentery 1955

Towards the end of January, 1956, a report was received that several families housed at Pembroke Crescent, Ynysmardy, were suffering from acute diarrhoea and sickness. Enquiries were made immediately and it was found that seven of the ten families were affected by a type of enteritis. The majority of those concerned seemed to have recovered or were convalescent, and had not called in the family doctor.

Comprehensive swabbing was carried out and six were positive for Sonne dysentery. All interested Medical Practitioners were given the information by telephone, as it became available. None of the patients nor contacts were engaged in food handling.

In a matter of days two further households at Ynysmardy and five related families at Pembroke Street, Thomastown, were showing symptoms of the disease and the Department's activities were extended to cover these also.

Special attention was paid to the convalescent carriers that were diagnosed as the result of the regular swabbing.

Whilst the outbreak at Ynysmardy and Pembroke Street was subsiding towards the end of March, a fresh outbreak showed itself amongst the occupiers of houses at Pantgwyn, Llanharry. Six positive swabs were obtained here from a group of 24 persons suspected of having the disease. Here again there was close co-operation between the Medical Practitioners and the Health Department.

Swabbing was maintained at regular intervals until all cases gave three consecutive negative results. The last of this group was cleared in mid-May.

INCIDENCE OF INFECTIOUS DISEASES IN THE VARIOUS PARISHES DURING 1955

PARISHES	Measles	Whooping Cough	Scarlet Fever	Pneumonia	Meningococcal Infection	Puerperal Infection	Sonne Dysentery	Malaria
St. Andrews Minor	—	—	—	—	—	—	—	—
St. Athan	75	2	—	17	1	2	4	—
Colwinstone	21	—	—	—	—	—	—	—
St. Donats	1	—	—	—	—	—	—	—
Eglwysbrewis	—	—	—	—	—	—	—	—
Flemingstone	—	—	—	—	—	—	1	—
Gileston	—	—	—	—	—	—	—	—
St. Hilary	—	—	—	—	—	—	—	—
Llanblethian	3	—	2	1	—	—	—	—
Llandow	24	—	—	—	—	1	—	—
Llanfair	5	2	—	—	—	—	—	—
Llangan	5	—	—	—	—	—	—	—
Llanharan	18	—	—	—	—	—	14	—
Llanharry	46	4	1	5	—	—	10	—
Llanilid	1	—	—	—	—	—	—	—
Llanmaes	—	—	—	—	—	—	—	—
Llanmihangel	2	—	—	—	—	—	—	—
Llansannor	—	—	—	—	—	1	—	—
Llantwit Major	52	2	—	1	—	1	—	1
Llyswoorney	2	—	—	—	—	—	—	—
Marcross	1	—	—	—	—	—	—	—
St. Mary Hill	—	—	—	—	—	—	—	—
Monknash	—	—	—	—	—	—	—	—
Nash	—	—	—	—	—	—	—	—
Penllyne	—	—	—	—	—	—	—	—
Peterstone-s-Montem	27	—	—	—	—	—	—	—
Stembridge	—	—	—	—	—	—	—	—
Ystradowen	1	—	—	—	—	—	—	—
TOTALS	284	10	3	24	1	5	29	1
Admitted to Hospital	2	—	1	16	1	5	1	1

EXAMINATION OF PATHOLOGICAL SPECIMENS, 1955

Nature of Specimen	Negative	Positive	Number Examined
Swabs for Sonne Dysentery	167	43	210
Faeces for Enteric	25	—	25
Faeces for Coliforms	27	—	27
Swabs for Diphtheria	9	—	9
Swabs for Haemolytic Strep.	9	—	9
Faeces for Salmonella typhi.	1	3	4
Blood for Salmonella	2	—	2
Blood for Brucella Abortus	2	—	2
Swabs for Staph. Aureus	1	1	2
Swabs for Vincent's	1	—	1
Fluid for Globulin	1	—	1
Fluid for Sugar	1	—	1
Urine for T.B.	1	—	1
TOTALS	247	47	294

TUBERCULOSIS

New Cases and Mortality during 1955

AGE PERIODS	NEW CASES				DEATHS			
	Respiratory		Non-Resp'y		Respiratory		Non-Resp'y	
Years	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	—	—	—	—
1—5								
5—15	2							
15—25		1						
25—35	1	1		1	1			
35—45	1	1						
45—55	4							
55—65					1			
65 and over....	1				1			
TOTALS	9	3		1	3			

DETAILS OF CASES ON REGISTER

	Respiratory		Non-Respiratory		Total
	M.	F.	M.	F.	
Cases on Register at commencement of year	48	44	13	18	123
Cases on register at end of year	50	46	14	18	128

Tuberculosis

There were 12 notifications of persons suffering from Respiratory Tuberculosis during the year. Of these nine were males and three females. One female case of non-pulmonary tuberculosis was notified also. Five male lung cases and one male non-pulmonary case were inward transfers.

The names of 14 persons were removed from the register during the year. This was brought about by the recovery of three male pulmonary cases, the death of 3 male pulmonary cases, and the removal from the district of six male pulmonary, one female pulmonary and one female non-pulmonary cases.

The number on the register at the end of the year was 128, which shows an increase of five. A few of the new cases were brought to light by the Mass Radiography Unit whilst engaged in their special survey of the Vale of Glamorgan.

In all cases where the housing conditions of these patients are unsatisfactory, either from the standpoint of the patient or other persons living in the same premises, special reports are made to the Health Committee. It has been very gratifying to note the special consideration that members of the Council have given to all the cases brought to their notice. The following statement of standards of dwellings housing tuberculosis patients demonstrates the marked improvement which has been attained in this way during the last six years.

During the year 23 patients were in sanatoria for varying periods and where a person was removed from home the Department carried out fumigation of the rooms and bedding before these were brought back into general household use.

Bedding and some clothing is disinfected at Cefn Hirgoed Isolation Hospital. A close liaison exists between the Tuberculosis Physicians, the County Health Department and the District Council's Health Department on all matters relating to tuberculosis and environmental conditions.

The standards of housing accommodation of patients are kept under constant review and a summary of the position at the end of 1955 is given below as a comparison with previous years.

Statement of the Standard of Fitness of Dwellings Occupied by Tuberculosis Patients

Category of Houses	Pulmonary					Non-Pulmonary				
	1951	1952	1953	1954	1955	1951	1952	1953	1954	1955
1. Satisfactory	53	52	50	65	67	24	17	18	24	24
2. Needing Minor Repairs	15	18	19	24	26	3	2	4	2	4
3. Requiring Structural Alteration	11	12	10	3	3	4	2	2	3	2
4. Suitable for Re-conditioning	—	1	1	—	—	—	2	2	1	1
5. Requiring Demolition	1	1	1	—	—	1	—	—	1	1
TOTALS	80	84	81	92	96	32	23	26	31	32

The above categories are those adopted for the Rural Housing Survey.

Statement Showing Number of Cases of Tuberculosis in the Various
Parishes as at 31st December, 1955.

PARISH	MALES		FEMALES		TOTAL
	<i>Pulmonary</i>	<i>Non- Pulmonary</i>	<i>Pulmonary</i>	<i>Non- Pulmonary</i>	
St. Andrews Minor	—	—	—	—	—
St. Athan	7	1	3	—	11
Colwinstone	—	1	1	—	2
St. Donats	1	—	—	1	2
Eglwysbrewis	—	—	—	—	—
Flemingstone	—	—	—	2	2
Gileston	—	—	—	—	—
St. Hilary	—	—	—	—	—
Llanblethian	4	1	2	3	10
Llandow	—	1	1	—	2
Llanfair	—	—	—	1	1
Llangan	1	—	2	—	3
Llanharan	13	2	13	5	33
Llanharry	4	—	6	—	10
Llanilid	—	—	1	—	1
Llanmaes	1	—	1	—	2
Llanmihangel	—	—	1	—	1
Llansannor	—	1	2	—	3
Llantwit Major	7	4	6	4	21
Llysworney	—	—	—	—	—
Marcross	—	—	1	—	1
St. Mary Hill	1	—	1	—	2
Monknash	2	—	—	—	2
Nash	—	—	—	—	—
Penllyn	—	1	—	—	1
Peterstone-S-M.	8	2	5	2	17
Stembridge	—	—	—	—	—
Ystradowen	1	—	—	—	1
TOTALS	50	14	46	18	128

**Table showing the Proportion of Cases on the Register and Annual Deaths
in Relation to the Population**

Year	Population of District	Cases of Tuberculosis on Register		Deaths	
		Number	Ratio to Population	Number	Ratio to Population
1936	10,290	57	1/187	7	1/1470
1939	13,840	42	1/329	5	1/2768
1940	12,540	52	1/241	3	1/4180
1941	12,680	61	1/208	8	1/1585
1942	12,260	70	1/175	13	1/943
1943	12,230	72	1/169	8	1/1528
1944	12,440	87	1/143	12	1/1037
1945	12,270	90	1/136	3	1/4090
1946	12,750	104	1/122	5	1/2550
1947	13,110	115	1/114	8	1/1637
1948	13,700	131	1/104	9	1/1712
1949	13,820	117	1/118	9	1/1535
1950	18,060	114	1/149	5	1/3612
1951	19,850	111	1/179	3	1/6616
1952	20,120	107	1/188	2	1/10060
1953	20,830	107	1/194	2	1/10415
1954	20,000	123	1/162	5	1/4000
1955	19,180	128	1/149	3	1/6393

SUMMARY OF NON-PULMONARY CASES OF T.B.

LOCATION	MALE	FEMALE	TOTAL
Peripheral Glands	4	6	10
Cervical Glands	5	3	8
Hilum Glands	—	2	2
Abdominal Glands	—	1	1
Rib	1	—	1
Shoulder Joint	1	1	2
Knee Joint	—	1	1
Hip	1	—	1
Nasal Septum	—	1	1
Foot—First Metatarsal	1	—	1
Spine	—	1	1
Kidney	—	1	1
Meninges	—	1	1
Inguinal Region	1	—	1
TOTALS	14	18	32

Exclusion of Milk Handlers

After special reference had been made to the Chest Physician, a notice "Restraining a person from milking or handling milk vessels, or taking part in any way in the production, processing, distribution or storage of milk" was served upon a farmer who had been notified as suffering from pulmonary tuberculosis.

The initial notice specified the period of exclusion of 28 days, and it was not found necessary to make a renewal.

Tuberculous Animals

Information was received in June, 1955, that a nine months old heifer had been isolated and earmarked for slaughter as a diseased animal.

Post mortem examination disclosed that the cow was not affected with tuberculosis.

B.C.G. Vaccinations

Mantoux Testing and B.C.G. Vaccinations have been carried out by the County Health Authority and the following figures have been kindly supplied by them :—

Number of Children Mantoux tested	69
Number of Children Positive	18
Number of Children Negative	51
Number of Children Vaccinated	51

Comparison with Other Diseases

The Registrar-General's figures for deaths from specific diseases shows that whereas there were three deaths in the year from tuberculosis, there were :—

33 deaths from heart diseases.

14 deaths from pneumonia and bronchitis.

35 deaths from cancer.

22 deaths from vascular lesions of the nervous system.

MASS RADIOGRAPHY

The Medical Research Team have been very active in certain parishes of the district during the year, and their investigations are still proceeding. In due course we can look forward to the findings of the investigations being published these should be of much interest to all who are concerned with the well being and health of the inhabitants of the Vale.

The summary of percentages X-rayed over the age of five in each parish is as follows :—

AREA	No. in Population	No. X-rayed	%
Colwinstone	224	215	96.0
Llyswoiney	194	185	95.4
Llandow	241	237	98.3
St. Donats	79	76	96.2
Marcross	100	98	98.0
Monknash	43	43	100.0
Llanmaes	200	193	96.5
Llanfair	143	131	91.6
Flemingstone	97	93	95.9
St. Hilary	135	129	95.6
Treoes	100	97	97.0
Llangan.....	97	93	95.9
Llansannor	132	130	98.5
St. Mary Hill	165	163	98.8
Penllyne	236	221	93.6
Ystradowen	242	234	96.7
Aberthin	314	295	93.9
Llanblethian	587	546	93.0
TOTAL	3,329	3,179	95.4

As far as is known the X-ray Survey was the highest recorded in any voluntary scheme with a figure of 95.4% of the population for this District.

In addition to special research investigations in tuberculosis, detailed attention was focussed on ailments such as the prevalence of asthma, rheumatoid arthritis, osteo-arthritis, chronic bronchitis, diabetes and coronary disease in men, the assessment of blood pressure and the causes of goitre.

My thanks are due to Dr. A. L. Cochran, Director of Pneumoconiosis Research Unit, for kindly supplying me with the above information.

SANITARY SECTION

SECTION C.—SANITARY CIRCUMSTANCES OF THE AREA

RAINFALL RECORDS FOR 1955

Month	St. Athan	M.G.W.B. Pwllwy	Tair Onen Nurseries	Plasnewydd Pentremeyrick	Llanharan
January	4.52	3.62	3.98	3.73	3.99
February	2.59	2.79	2.57	3.33	2.83
March	1.26	1.54	1.50	1.45	1.85
April	2.42	3.11	3.20	3.35	3.83
May	4.83	4.93	4.70	4.33	6.16
June	5.87	6.57	7.06	6.51	7.19
July .....	.21	.82	.69	.65	.64
August .....	.79	.81	.70	1.12	1.43
September	2.13	3.25	4.37	3.39	2.92
October	1.55	2.54	1.56	2.41	2.91
November.....	2.23	3.89	3.54	3.60	3.90
December	4.42	7.23	6.97	7.20	7.94
TOTALS	32.82	41.10	40.84	41.07	45.59

The Rainfall Readings at Plasnewydd were kindly supplied by Mr. F. E. Dunn, those at Pwllwy by the Mid-Glamorgan Water Board, and the readings at

Tair Onen, Mr. M. McNulty of the Forestry Commission.

Rainfall for 1955 (Llanharan Station)	.....	.....	.....	45.59 inches
Rainfall for 1955 (St. Athan Station)	.....	.....	.....	32.82 inches
Number of days with .01 ins. or more (Llanharan)	.....	.....	.....	165
Number of days with .01 ins. or more (St. Athan)	.....	.....	.....	142
Average rainfall for last 5 years (Llanharan)	.....	.....	.....	54.53 inches
Average rainfall for last 5 years (St. Athan)	.....	.....	.....	37.83 inches

WATER

The supply of mains water under pressure is undertaken by the Mid-Glamorgan Water Board which was formed under a Local Act in 1921. The supplies in all areas are constant and the mains form a network interconnecting all water sources to the various parishes in the Rural Area. The major part of the supply comes from protected springs in adjoining districts, but the centre portion of the Rural District has the services of the Trebettyn spring and pumping station.

The majority of the water supplied is hard, but the small supplementary supply distributed from Mynydd-y-Gaer to the two northern parishes is much softer in character. There is no evidence of plumbo solvent action.

Observations

(a) MAINS SUPPLIES

Of the fifty routine samples taken throughout the Area from the mains supplies, nine were found to be rather below the standard required. In order to conserve water during the exceptionally dry period in the year the systematic flushings of mains by the Board were reduced. The samples which were unsatisfactory were attributed to mild stagnation of water in end of service areas. These were referred to the Board in each case and when flushing could be carried out the quality of the water showed marked improvement.

(b) PRIVATE SUPPLIES

The small supplies serving Park Gate Lodge, Pistyll Arian and Graig Melyn in the Llanharan area occasionally give unsatisfactory samples. The occupiers of houses served have been informed of this and advised to boil the water before using it for domestic food purposes or for human consumption.

Towards the end of the year a new source of supply was tapped for Pistyll Arian and the outlet area built in to give as much protection as possible to the supply.

As a result of the unsatisfactory sample taken at Seymour Avenue in September, 1955, all the occupiers were advised to boil their water before consuming it. The supply was very low at the time and ultimately it failed altogether. The owner was asked to take advantage of the fact that the reservoir was empty to cleanse it thoroughly, and in

PROVISION OF WATER SERVICES IN THE PARISHES OF THE AREA

PARISH	No. of Dwelling Houses	No. of Houses on Mains Supply	No. Dependent on Wells, Springs, etc.	Mains Supply Sufficiency of Pressure	Chlorinated	Names of Suppliers	Remarks on Distribution
St. Andrews Minor	2	2	—	Satisfactory	Yes	M.G. Water Board	M.G.W.B. Mains
St. Athan	297	291	6	do.	Yes	do.	do.
Colwinstone	68	61	7	do.	Yes	do.	do.
St. Donats	29	28	1	do.	Yes	do.	do.
Eglwysbrewis	13	13	—	do.	Yes	do.	do.
Flemingstone	27	26	1	do.	Yes	do.	do.
Gileston	15	14	1	do.	Yes	do.	do.
St. Hilary	44	44	—	do.	Yes	do.	do.
Llanblethian	309	294	15	do.	Yes	do.	do.
						Major M.G.W.B., Minor Cardiff R.D.	Major portion Minor portion Cardiff R.D. Mains
Llandow	68	68	—	do.	Yes	M.G.W.B.	M.G.W.B. Mains
Llanfair	50	46	4	do.	Yes	do.	do.
Llangan	81	81	—	do.	Yes	do.	do.
Llanharan	638	594	44	do.	Yes	Major M.G.W.B. & Minor Llantrisant R.D.	Major portion M.- G.W.B. Minor portion Llantrisant R.D. Mains
Llanharry	437	426	11	do.	Yes	M.G.W.B.	M.G.W.B. Mains
Llanilid	26	20	6	do.	Yes	do.	do.
Llanmaes	52	52	—	do.	Yes	do.	do.
Llanmihangel	10	8	2	do.	Yes	do.	do.
Llansannor	38	36	2	do.	Yes	do.	do.
Llantwit Major	845	836	9	do.	Yes	do.	do.
Llysworney	44	41	3	do.	Yes	do.	do.
Marcross	36	34	2	do.	Yes	do.	do.
St. Mary Hill	49	44	5	do.	Yes	do.	do.
Monknash	17	17	—	do.	Yes	do.	do.
Nash	3	2	1	do.	Yes	do.	do.
Penllyne	76	71	5	do.	Yes	do.	do.
Peterstone-s-Montern	489	463	26	do.	Yes	do.	do.
Stembridge	1	1	—	do.	Part only	do.	do.
Ystradowen	73	63	10	do.	Yes	do.	do.
TOTALS	3,837	3,676	161	Proportion of Properties on Mains Water Supply=95.6%			

BACTERIOLOGICAL EXAMINATION OF WATER, 1955

SOURCE	1ST QUARTER		2ND QUARTER		3RD QUARTER		4TH QUARTER	
	DATE	RESULT	DATE	RESULT	DATE	RESULT	DATE	RESULT
A. PUBLIC MAINS								
Llandow	7/3/55	Satisfactory	5/6/55	Satisfactory	21/9/55 4/10/55(c)	Unsatisfactory	24/11/55	Satisfactory
Trebetyn, Llansannor	7/3/55	Satisfactory	8/6/55	Satisfactory	21/9/55	Satisfactory	24/11/55	Satisfactory
Llanblethian Village	7/3/55	Satisfactory	6/6/55	Satisfactory	15/9/55	Satisfactory	24/11/55	Satisfactory
Porthygreen, Llanblethian	—	—	16/6/55	Unsatisfactory	10/8/55	Satisfactory	17/11/55	Unsatisfactory
			21/6/55(c)	Satisfactory			24/11/55(c)	Unsatisfactory
Maendy Village	7/3/55	Satisfactory	8/6/55	Unsatisfactory	27/9/55	Unsatisfactory	8/12/55(c)	Satisfactory
			16/6/55(c)	Unsatisfactory	3/10/55(c)	Unsatisfactory	17/11/55	Satisfactory
Rose Terrace, Llanharan	9/3/55	Satisfactory	8/6/55	Satisfactory	27/9/55	Satisfactory	17/11/55	Unsatisfactory
The Square, Llanharan	9/3/55	Satisfactory	16/6/55	Satisfactory	27/9/55	Satisfactory	8/11/55(c)	Satisfactory
Brynna Village	9/3/55	Satisfactory	8/6/55	Satisfactory	27/9/55	Satisfactory	17/11/55	Satisfactory
Ynysmardy Village	7/3/55	Satisfactory	16/6/55	Unsatisfactory	3/10/55(c)	Unsatisfactory	17/11/55	Satisfactory
					27/9/55	Satisfactory	8/12/55	Satisfactory
Pembroke Terrace, Thomastown	31/1/55(c)	Satisfactory	15/6/55	Satisfactory	—	—	3/10/55	Satisfactory
Llansannor Village	31/1/55(c)	Satisfactory	8/6/55	Satisfactory	—	—	8/12/55	Satisfactory
The Square, Llantwit Major	7/3/55	Satisfactory	8/6/55	Satisfactory	21/9/55	Satisfactory	24/11/55	Satisfactory
Llantwit Major Town	—	—	21/6/55	Satisfactory	—	—	—	—
Castleton Camp'g Site	—	—	—	—	10/8/55	Unsatisfactory	4/10/55	Satisfactory
Llantwit Beach Camp- ing Site (Stored (M.G.W.B.)	—	—	—	—	10/8/55	Satisfactory	6/12/55	Satisfactory
Marcross Camping Site	—	—	—	—	10/8/55	Satisfactory	—	—
B. PRIVATE SUPPLIES								
Seymour Avenue, Llanharan	9/3/55	Unsatisfactory	8/6/55	Satisfactory	27/9/55	Unsatisfactory	3/10/55(c)	Unsatisfactory
Park Gate Lodge, Llanharan	9/3/55	Satisfactory	8/6/55	Unsatisfactory	21/9/55	Unsatisfactory	17/11/55	Satisfactory
GraigMelyn, Llanharan	9/3/55	Satisfactory	8/6/55	Unsatisfactory	21/9/55	Satisfactory	17/11/55	Satisfactory
Pistyll Arian, "Smilog Forestry Houses (inlet to reservoir)"	9/3/55	Unsatisfactory	8/6/55	Unsatisfactory	21/9/55	Unsatisfactory	—	—
Smilog Forestry Houses (outlet from reservoir)	—	—	16/6/55	Satisfactory	—	—	—	—
Smilog Forestry Houses (House)	31/1/55(c)	F. Satisfactory	16/6/55	Satisfactory	—	—	—	—
Maesyderi/Maesycod Llanharan	31/1/55(c)	Satisfactory	—	—	—	—	—	—
Lake Farm, Cowbridge (Spring)	—	—	—	—	21/9/55	Satisfactory	—	—
Lake Farm, Cowbridge (Stored riverwater)	—	—	—	—	15/9/55	Unsatisfactory	—	—
Llantwit Beach Conveniences (Riverwater)	—	—	—	—	15/9/55	Unsatisfactory	—	—
Primrose Hill Cottage, Cowbridge	—	—	—	—	10/8/55	Unsatisfactory	—	—
							13/10/55	Unsatisfactory
C. PUBLIC WELLS AND SPRINGS.								
Penllynne Inner Well	7/3/55	Satisfactory	6/6/55	Unsatisfactory	21/9/55	Unsatisfactory	24/11/55	Unsatisfactory
	31/1/55(c)	Satisfactory						
Penllynne Outer Well	7/3/55	Satisfactory	6/6/55	Unsatisfactory	21/9/55	Unsatisfactory	24/11/55	Unsatisfactory
Lyssorney Well	7/3/55	Unsatisfactory	6/6/55	Unsatisfactory	21/9/55	Unsatisfactory	24/11/55	Unsatisfactory
Stallingdown Spring, Aberthyn	7/3/55	Satisfactory	6/6/55	Unsatisfactory	15/9/55	Unsatisfactory	17/11/55	Satisfactory
Llanquian Road Pump	7/3/55	Satisfactory	6/6/55	Unsatisfactory	21/9/55	Satisfactory	24/11/55	Unsatisfactory
Aberthyn	—	—	—	—	—	—	—	—

addition to open up the reserve catchment channels which had fallen into disuse, in order to supplement the existing supply. This work was done with satisfactory results in the months that followed.

The owners of Smilog Forestry Houses, Maesyderi, Maesycoed and Lake Farm requested the Department's help in an advisory role regarding the nature of their respective supplies. The necessary advice was given in each case in order to raise the standard of the water obtained.

(c) PUBLIC WELLS AND SPRINGS

The Penllyne Wells gave a greater percentage of unsatisfactory samples than previously and in consequence a metal notice board was fixed warning users that the water needed boiling before use. In addition, the Parish Council undertook the cleaning of the wells and repairing of the masonrywork to maintain them in a proper state.

Warning notices were already in operation at Stallingdown Spring, Aberthin, and Llysworney Well, and another order given for the supply of one for Llanquian Road Pump, Aberthin.

Swimming Baths

There are no public baths in the area. Private swimming baths are provided at The Miners' Welfare Camp, St. Athan, Hafod Camp, Boverton and St. Donats Castle.

No action was found necessary in respect of the baths during the year.

HOUSING

Coal Mining (Subsidence) Act, 1950

The National Coal Board employ a staff of tradesmen who are constantly engaged upon renewing ceilings, adjusting doors, etc. of houses in the Llanharan area damaged by mining subsidence.

Improvement Grants

The Council approved 27 Housing Improvement Grants during the year.

COUNCIL HOUSES BUILT IN COWBRIDGE RURAL DISTRICT

(Details supplied by Mr. W. R. HAWKINS, Surveyor)

	2 BR/NP	2 BR/P	3 BR/NP	3 BR/P	4 BR/NP	4 BR/P	Airey	Total
Prior to 1945	—	—	280	288	—	6	—	574
From 1945-52	—	—	14	252	—	7	108	381
During 1953	23	—	28	164	—	25	—	250
During 1954	16	—	14	113	—	32	108	133
During 1955	—	13	—	44	—	—	—	57

A summary of the housing progress made during 1955 is given below :—

	<i>Permanent Houses by Council</i>	<i>Private Enterprise</i>	<i>Total</i>
Houses completed and occupied	57	12	69
Partly completed	24	19	43

Demolition and Closing Orders

1. Housing Act, 1936

*Number of
Houses Persons
Displaced*

- | | | |
|--|-----|-----|
| (a) Houses demolished as a result of formal or informal procedure under Section 11 | 4 | 11 |
| (b) Houses closed in pursuance of an undertaking given by owners under Section 11 and still in force | 5 | 21 |
| (c) Parts of buildings closed (S. 12) | Nil | Nil |

2. Housing Act, 1949

(a)	Closing Orders made under S.3(i)	.....	Nil	Nil
(b)	Demolition Orders determined and Closing Orders substituted under Section 3(ii)	.....	Nil	Nil

Housing Act, 1936 : Section 11

Official action was taken during the year in respect of the following properties :—

1. Croft House, Treocs (occupied).
2. Corner House, Trcoes (tenant rehoused).
3. Moor Mill Bungalow, Treocs (tenant rehoused).
4. Dimlands Lodge, Llantwit Major (occupied).
5. 1, Well Cottage, Boverton (occupied).
6. Hill Cottage, Boverton (occupied).
7. No. 3 Rock Cottage, Boverton (occupied).
8. No. 4 Rock Cottage, Boverton (occupied).
9. 1 The Causeway, Boverton (occupied).
10. 2 The Causeway, Boverton (occupied).
11. 3 The Causeway, Boverton (occupied).
12. The Cottage, The Causeway, Boverton (occupied).
13. Old Castle Cottage, Llanharan (occupied).
14. The Bothy, St. Hilary (occupied).
15. Lilac Cottage, St. Athan (occupied).

The Occupiers of the following unfit houses were rehoused by the Council or they otherwise became vacant during 1955 :—

1. No. 3 Ogmore View, Llanharan (tenant died)
2. West View Caravan, Llanharry (tenant moved)
3. Elder Cottage, Penylan, Llanblethian (tenant rehoused by Council)
4. No. 2 Tydu, Llanharry (tenant moved)
5. Twtchwn, Llangan (tenant moved from area)
6. Limperts, St. Athan (tenant rehoused by Council)
7. Corner House, Treoes (tenant rehoused by Council)
8. Moor Mill, Bungalow, Treoes (tenant rehoused by Council)
9. Fair View Bungalow, Trcoes (tenant rehoused by Council)

Occupation of Military Camps

(a) BOVERTON CLOSE

Eleven huts were occupied on this site at the end of December, 1955.

(b) LETCHMORE CLOSE, LLANDOW (*formerly hutments at Llandow Aerodrome*)

Twenty-four families were housed on this site at the end of December, 1955.

(c) ST. DONATS CLOSE

Seven families were housed on this site at the end of December, 1955.

(d) MARCROSS CLOSE

Four families were housed on this site at the end of December, 1955

(e) HIGHFIELD CLOSE

Eleven families were housed on this site at the end of December, 1955.

All hutments were demolished as and when they became vacant in accordance with an undertaking given to the Welsh Department of the Ministry of Housing and Local Government.

General Conditions of Occupied Camps

Many complaints are still received and in suitable cases the attention of the Health Committee is drawn with a view to early rehousing.

HOUSING REPAIRS AND RENTS ACT, 1954

In July, 1955, the Sanitary Inspector presented the following report :—

Housing Repairs and Rents Act, 1954

“The above Act came into force on the 30th August, 1954, and one of its most important provisions is the responsibility placed upon local authorities to submit to the Minister of Housing and Local Government proposals for dealing in one way or another with unfit houses in their areas within one year from the passing of the Act. Other information required is the period the Council estimate they need to secure the demolition of these houses.

The number of occupied houses in the area as at July, 1955, total 3,787. This figure does not include the married officers' or airmen's houses at the Royal Air Force Stations at Llandow or St. Athan, but the hutments around these camps controlled by the Council are included.

Schedule of Unfit Houses which became vacant during the year (by rehousing by the Council and otherwise), and Summary of Cases dealt with during the period January, 1945-December, 1954. Scheduled unfit

houses still occupied are shown in the last column

No.	PARISH	(a) Re-housed from Jan., 1945-Dec., 1954	Rehoused 1955 (b)	TOTAL of (a) and (b)	Scheduled houses still occupied
1	St. Andrews Minor	—	—	—	—
2	St. Athan ...	7	—	7	—
3	Colwinstone ...	4	—	4	—
4	St. Donats ...	1	—	1	—
5	Eglwysbrewis ...	—	—	—	—
6	Flemingstone ...	—	—	—	—
7	Gileston ...	3	1	4	2
8	St. Hilary ...	7	—	7	1
9	Llanblethian ...	8	1	9	—
10	Llandow ...	—	—	—	—
11	Llanfair ...	2	—	2	—
12	Llangan ...	2	4	6	1
13	Llanharan ...	2	1	3	3
14	Llanharry ...	12	2	14	3
15	Llanilid ...	—	—	—	—
16	Llanmaes ...	—	—	—	—
17	Llanmihangel ...	—	—	—	2
18	Llansannor ...	10	—	10	—
19	Llantwit Major ...	10	—	10	8
20	Llysworney ...	1	—	1	—
21	Marcross ...	—	—	—	—
22	St. Mary Hill ...	5	—	5	—
23	Monknash ...	—	—	—	—
24	Nash ...	—	—	—	—
25	Penllyn ...	3	—	3	—
26	Peterstone-s-Montem	32	—	32	—
27	Stembridge ...	—	—	—	—
28	Ystradowen ...	10	—	10	—
	TOTALS	119	9	128	20

These figures exclude Council hutments.

For the purpose of forming a standard the number of houses was taken from the Rate Book, one assessment representing one house. No account is made of the houses let into flats.

The information asked for by the Ministry of Housing and Local Government is summarised as follows:—

Part 1—The Total Problem

(a) Estimated number of unfit houses (occupied)	137
b) Period in years which the Council think necessary for securing the demolition of all the house in (a)	5

Part 2—Orders already made

(a) Number of houses in (a) in clearance areas already dealt with	Nil
(b) Number of houses in clearance areas which have been submitted for approval	Nil

Part 3—Action in the first five years

(a) Number of houses in clearance areas already dealt with	Nil
(b) Number of houses in clearance areas which have been submitted for approval	Nil
(c) Number of houses to be patched and retained for 5 years as temporary accommodation	Nil
(d) Number of houses in clearance areas to be demolished in the 5 years	Nil
(e) Number of houses to be demolished in 5 years as a result of action under Section 11 of the Housing Act, 1936	137

Rural District Councils are more fortunate than some of the Borough and Urban Areas as they have already carried out rural housing surveys which will act as a basis for the report to be submitted to the Minister.

The Cowbridge Rural District Council have gone a step further by taking into consideration in their annual housing programme requirements for the replacement of unfit houses, and a total of 162 sub-standard properties has been dealt with since 1945. This figure includes 26 Service hutments.

Table No. 1 attached to this report sets out the classification of the houses of the various parishes under the Rural Housing Survey and the final column gives details of the houses already dealt with since 1945.

Table No. 2 gives separate details of the number of houses for demolition and the huts to be replaced. Houses at present under construction are included, and the final column gives a list of houses still required to replace occupied unfit properties.

The Rural Housing Survey disclosed many unsatisfactory conditions including very unsatisfactory drainage in several of the larger villages and the need for public water supply to some isolated groups of houses.

The Council, should, in my opinion, give consideration to small sewerage schemes in the larger villages particularly in Llanmaes, Llandow and Treoes.

Overcrowding

As the survey has been in operation for several years it is impossible to give any up-to-date information of overcrowding. Many of the cases brought to light during the early days of the survey have already been dealt with. There are, however, still several urgent cases needing attention.

Circular letters have or will shortly be sent to owners of houses in Categories 3 and 4 drawing attention to Housing Improvement Grants."

The above report was later supplemented by a Report of the Medical Officer, Sanitary Inspector and Surveyor dealing with the First Year's programme. The final decision of the Council for the first instalment to deal with the problem of unfit houses is set out in the final column of Table II.

Flooding

There were severe floods in several parts of the area on the 6th June, 1955, following exceptionally heavy rain. The chief areas concerned were Aberthin, Llanblethian, Beggars Bound, St. Athan and Llanmaes.

The flooding at St. Athan was due to old oil drums, etc., which were washed down from a scrap metal dump on the Royal Air Force Station, St. Athan.

Some of the flooding at Llanmaes can be attributed to the restricted culvert adjoining the highway. The County Highway Department carried out improvements to this during the year.

Certain flooding also took place later in the year at Llandough and here too, the County Highway Department took the necessary action.

TABLE 1

**SCHEDULE SHOWING CATEGORIES OF HOUSES IN THE VARIOUS PARISHES
AS AT JULY, 1955**

No.	PARISH	Categories				Total Houses	Unfit Houses Dealt with since 1945
		1	2	3/4	5		
1	St. Andrews Minor	—	2	—	—	2	Nil
2	St. Athan	232	32	11	10	285	23 (16)
3	Colwinstone	31	17	15	4	67	5
4	St. Donats	9	7	4	7 (7)	27	5 (3)
5	Eglwysbrewis	10	0	3	0	13	Nil
6	Flemingstone	17	2	6	1	26	Nil
7	Gilestone	7	1	4	2	14	4
8	St. Hilary	23	12	7	2	44	7
9	Llanbelthian	194	56	41	7	298	Nil
10	Llandow	27	11	5	25 (24)	68	Nil
11	Llanfair	21	16	13	—	50	2
12	Llangan	29	24	12	2	67	5
13	Llanharan	254	337	43	2	636	10
14	Llanharry	373	43	15	6	7	13
15	Llanilid	5	15	4	2	26	Nil
16	Llanmaes	30	4	17	1	52	Nil
17	Llanmihangel	3	5	—	2	10	Nil
18	Llansannor	17	10	9	2	38	11
19	Llantwit Major	620	99	87	38 (22)	844	15 (14)
20	Llyswoiney	28	4	8	2	42	2
21	Marcross	15	11	3	6 (6)	35	3 (3)
22	St. Mary Hill	25	18	3	3	49	5
23	Monknash	5	9	3	—	17	Nil
24	Nash	3	—	—	—	3	Nil
25	Penllyne	26	17	30	3	76	3
26	Peterstone-Super-Montem	339	133	7	10	489	27
27	Stembridge	—	1	—	—	1	Nil
28	Ystradowen	35	19	17	—	71	11
	TOTALS	23,78	905	367	137 (59)	3,787	162 (26)

Figures in Brackets are Council Hutments. These are included in the respective totals.

CLASSIFICATION

Category 1 Satisfactory houses.

Category 2—Houses requiring some minor repairs only.

Category 3 } Houses suitable for reconditioning and requiring major works such as enlarged
Category 4 } windows, drainage systems, etc.

Category 5 Houses unfit for human occupation and incapable of being rendered fit at a reasonable cost.

TABLE No. 2

SUMMARISED RESULTS OF HOUSING REPLACEMENTS REQUIRED FOR SLUM CLEARANCE

PARISH	Occupied Houses for Demolition	Occupied Huts to be Replaced	Total	Houses under Construction	Houses still Required	Replacements				
						1st Year	1956	1957	1958	1959
LLANDOW	1	24	25	Nil	25	1				
ST. ATHAN	10	—	10	12	Nil					
GILESTON	2	—	2	8	Nil	2				
COLWINSTONE	4	—	4	Nil	4	4				
ST. DONATS	—	7	7	Nil	7					
MARCROSS	—	6	6	Nil	6					
FLEMINGSTONE	1	—	1	Nil						
LLANMAES	1	—	1	Nil	2					
ST. HILARY	2	—	2	Nil	2	1				
LLANBLETHIAN	7	—	7	2	5	2				
LLANGAN	2	—	2	{ 12						
ST. MARY HILL	3	—	3							
LLANHARAN	2	—	2	Nil	2	2				
LLANHARRY	6	—	6	Nil	6	6				
LLANILID	2	—	2	Nil	2	2				
LLANMIHANGEL ...	2	—	2	Nil	2 }					
LLYSWORNEY	2	—	2	Nil	2 }					
LLANSANNOR	2	—	2	Nil	2					
LLANTWIT MAJOR	16	22	38	24	14	10				
PENLLYNE	3	—	3	Nil	3					
PETERSTONE-SUPER-MONTEM	10	—	10	Nil	10	10				
TOTALS	78	59	137	58	95	40				

PUBLIC CLEANSING

(a) REFUSE COLLECTION

The collection of refuse is carried out under the direction of the Sanitary Inspector. Collections are made throughout the whole of the area with the exception of individual isolated farm houses.

A weekly kerbside collection is made at St. Athan, Gileston, Boverton, Llantwit Major, St. Donats, Marcross, Monkash, Llandow, Llsyworney, Nash, Colwinstone, Sigginstone, Llanmaes, Eglwysbrewis, Flemingstone, St. Mary Church, Llandough, St. Hilary, Llanblethian, Penllyne, St. Mary Hill, Llangan, Treoes, Llansannor, Aberthin, Penylan, Treerhyngyll, Newton, Maendy, Ystradowen and Llanilid.

Twice weekly kerbside collections are made in the mining areas at Llanharry, Llanharan, Brynna, Bryncae, Ynysmardy and Pcm broke Terrace.

Collections are also made at the Royal Air Force Station, St. Athan. One vehicle is garaged here and spends the majority of the time engaged on camp collections.

A weekly collection of house refuse is made from the Royal Air Force Station, Llandow.

A weekly collection is also made at Cowbridge Town. The Borough Council pay for the whole of the cost of this service.

Provision of Refuse Bins

The Council undertake to provide all Council houses in the area with refuse bins making a charge of 1d. per week for this amenity.

The Council hire refuse bins for 5s. 0d. per annum and 308 bins were on hire at the end of the year. These were principally at Llanharan, Brynna, Llantwit Major and Boverton. In addition, the Council sell refuse bins to householders at a reduced rate.

The position of the scheme at the end of December, 1955, was as follows :—

Council Houses provided with bins	.....	.....	1,304
Bins on Hire (at Llanharan, Brynna, Llantwit Major, Boverton and St. Athan)	.....	.....	308
Bins purchased from the Council	.....	.....	391
			<hr/>
			2,003
			<hr/>

Vehicles and Staff

The cleansing staff consists of :—

(1) Loaders/Drivers	.....	.....	3
(2) Loaders	.....	.....	7
(3) Tip Men	.....	.....	1

The cleansing vehicles are :—

<i>Description of Vehicle</i>		<i>Year of Manufacture</i>
(1) One 10 cube yard "Chelsca" S. and D. Freighter	.....	1949
(2) One interchangeable 10 cube yard "Chelsea" Freighter/ Cesspool Emptier	..... .....	1949
(3) One 10 cube yard "Chelsea" S. and D. Freighter		1950
(4) One 1,100 gallon S. and D. Cesspool Emptier	.....	1951
(5) One Avcling Barford Caldozer	.....	1948

Refuse Disposal

The refuse collected within the area (including the Royal Air Force Stations at Llandow and St. Athan and the Borough of Cowbridge) is disposed of at the following refuse disposal sites :—

(a) LLANHARRY ROAD, LLANHARAN. The Council own 13½ acres at Llanharry Road, Llanharan. The site is conveniently placed for easy access to Llanharan, Brynna and Llanharry together with some of the villages north of Cowbridge Town. Sufficient area is available for refuse disposal for many years.

(b) LLANMIHANGEL. This site was leased in 1941 for a period of 21 years and is used for refuse collected south of Cowbridge Town including the Royal Air Force Stations and Cowbridge Borough. The site is rapidly filling and new tipping ground is required. A portion of the site was earthed and seeded down during the year. The remaining area will be covered with earth and seeded upon completion.

The amount of refuse collected in the area during 1955 compared with the previous year is as follows :—

		1955	1954
Lorry No. 1	.....	944 Loads	948½ Loads
Lorry No. 2	.....	783 „	474 „
Lorry No. 3	.....	777 „	837 „
		2,504 „	2,259½ „

During the year the Council purchased a second-hand calf dozer from the Barry Borough Council for the sum of £75. This machine has proved to be most useful and has operated with very little expence since purchase.

The machine will be used in due course for stripping ground in preparation for refuse disposal and the replacement of the soil upon completion. It will thus be possible to carry out "controlled tipping" more satisfactorily than previously.

Cesspool Emptying

The District Council operate a cesspool emptying service carried out by direct labour. A full-time 1,100 gallon vacuum operated cesspool emptier is used for this purpose.

Lorry No. 2, which is the interchangcable vehicle, is also occasionally used for cesspool emptying when the demand is at its highest.

The service is available to all householders and rateable premises in the area four times a year without charge. Additional cleansings are carried out at the rate of £1 10s. 0d. for domestic cesspools. Larger cesspools serving factories, etc., are charged on an hourly basis for all work exceeding the free services.

The Council undertake cesspool emptying at isolated houses adjoining the R.A.F. Stations at St. Athan and Llandow, four times a year without charge.

The cesspool emptier is also available for hire to the Cowbridge Borough Council but with the introduction of the new Sewerage Scheme this service will not be required.

The machine can also be hired to neighbouring local authorities who pay the whole cost of the work involved.

During the year the Council's housing site at Aberthin was connected to the public sewer and it is hoped that the site at Llanblethian will be connected early in 1956. These connections will materially ease the burden of cesspool emptying.

The cesspool emptier is used to de-sludge the Council's Sewage Disposal Plants at Llanharan, Ynysmardy, Ystradowen, Treocs and Marcross.

The cesspools on the new Rural Housing Sites require a regular emptying.

A table indicating the work of cesspool emptying since the scheme was commenced in 1949 is set out below.

Cesspool emptying	.....	1949	.....	204
		1950	.....	405
		1951	.....	577
		1952	.....	830
		1953	.....	1,308
		1954	.....	1,882
		1955	.....	2,151

The income from cesspool emptying (in excess of free services) amounted to £344 10s. 6d.

Scavenging of Streets and Highways

The cleansing of all public streets and highways in the area is carried out by the Glamorgan County Council who now operate a mechanical road sweeper in addition to manual cleansing.

The District Council employ a part-time labourer for the cleansing of streets on Sundays at Llantwit Major and also undertake the cleansing of roads on housing sites not taken over by the Glamorgan County Council.

Litter Bins

The District Council have provided street litter bins in the more populated parts of the area including a number at Llantwit Major beach.

Many of these bins have been severely damaged.

Public Conveniences

Public sanitary conveniences are provided in the following areas :—

St. Athan	.....	.....	W.C's for Males and Females and Male Urinal.
Llantwit Major Town			W.C's for Males and Females and Male Urinal.
Llantwit Major Beach			W.C's for Males and Females and Male Urinal.
Llanharry	.....	.....	Urinal only.
Llanharan	.....	.....	W.C's for Males and Females and Male Urinal.
Brynna	.....	.....	Urinal only.

All the conveniences are maintained by part-time caretakers with

the exception of the Llantwit Major Beach where a female caretaker is employed at weekends and two half days during the weeks between Easter and Whitsun, and full time for the remainder of the summer period.

The caretakers and conveniences are under the supervision of the Sanitary Inspector.

During the year the Council opened a new public convenience for males and females at Llanharan. These are of brick construction containing two floors, the top portion (ladies' section), is approached from Hillside Avenue and the bottom floor (Gent's section) from Chapel Road and Hillside Avenue.

No progress has yet been made with the proposal to provide a bus shelter at Llantwit Major incorporating a public convenience.

A new small sanitary convenience is required at Llanharry Village which is now considerably enlarged as a result of Council development.

Cleansing of 'Bus Shelters

Further inspections were made during the year of the 'bus shelters provided in the area to ascertain their sanitary condition.

Camping Sites

(a) LICENCES FOR LAND

Four camping sites in the southern portion of the area were licenced for summer camping and one site granted permission for all the year round occupation.

<i>Site</i>	<i>Termination</i>
1. Land at Colhugh Meadow, Llantwit Major	..... 30th Sept., 1955
2. Land near Lighthouse, Marcross	..... 30th Sept., 1955
3. Flush House Field, Llantwit Major	..... 30th Sept., 1955
4. Lower House Farm, Llantwit Major	..... 30th Sept., 1955
5. Castleton Farm Field, St. Athan	..... 30th Dec., 1955

The main conditions imposed with the licences were as follows :—

1. The classes of dwellings permitted on the site to be limited to tents or mobile caravans and for the purpose of a licence the expression "mobile caravans" means trailer caravans specially designed and constructed for towing by private cars. The use of improvised vehicles is expressly prohibited.

2. That a distance of fifteen feet between tents or caravans and a minimum distance of forty feet between rows of tents or caravans be maintained. No caravans or tents to be closer than twenty feet to the boundary of the site, and the density not to exceed twenty-five caravans to the acre.
3. A sufficient supply of wholesome water for the use of the occupants of every hut or caravan to be provided at a maximum distance from any caravan not exceeding one hundred yards.
4. Each caravan to be provided with an approved sanitary convenience to be maintained at all times in a sanitary condition. Closets for tents to be provided in the ratio of one for each sex to each ten tents. Liquid sewage matter must not be discharged into the ground.
5. Waste water gullies to be provided at convenient points on the site; and so arranged that the maximum distance from any caravan or tent is not in excess of one hundred yards.
6. Adequate ablution arrangements to be made adjoining the sanitary conveniences and arrangements for the disposal of waste water to be made in accordance with the specific requirements of the Council.
7. Where the conservancy system of closets is employed, the contents are to be collected by the site operator in a sanitary manner, and disposed of by burying in the ground, in lime, at least two hundred yards from the camping site and fifty yards from any water course.
8. Each caravan or tent to be provided with an approved pattern dust bin for refuse, and these are to be placed in a convenient position by the operator for emptying by the Council's lorry each week.
9. Holes not to be made on the camping site for any purpose whatsoever without prior consent from the Council.
10. Notice to be given immediately to the Medical Officer of Health at the District Council Offices, of any case or suspected case of infectious disease, and the owner of the site and the occupier of the moveable dwellings to comply with the instructions of the Medical Officer of Health necessary to secure the isolation and treatment of the patient and to prevent the spread of infection.
11. **Paraffin** or **Petrol** should not be stored or kept inside the caravan. **Calor Gas** or similar pressurised gas fuel containers should not be kept inside vans unless specially ventilated compartments are provided. Rubber connecting tubing for gas should not be used inside vans.

Heating—Where vans are being used as permanent or prolonged

dwelling the location and fitting of solid fuel stoves should be subject to inspection and approval.

Adequate fire-fighting appliances to be maintained by the site operator in accessible positions, to the approval of the Council.

12. That plans of any semi-permanent erections proposed be submitted to the Council for consideration under the Cowbridge Rural District Building Bye-Laws.

(b) LICENCES FOR DWELLINGS

Individual licences were granted for the following caravan dwellings with fixed expiry or renewal dates :—

1. Near Woodlands, Penllyn (Palling).
2. Near Command Engineer's Stores, Tylagarw (Richards).
3. Poplars Field, Cowbridge (Poole).
4. The Verlands, West Street, Llantwit Major (D. B. Evans).
5. Orchard Lodge, Boverton (Evans).
6. Near Windmill Cottage, Llantwit Major (Flanders).
7. West Orchard, St. Athan (Smith).
8. Llanmaes Road, Llantwit Major (Walton).
9. Near River Row, Tylagarw (Smithe).
10. Near Ocean House, The Leys, St. Athan (Spillane).
11. Near Fairways, The Leys, St. Athan (Thorpe).
12. The Verlands, West Street, Llantwit Major (William Evans).

Cinemas

One cinema only is licenced by the Council. This is the Strand Cinema, Llantwit Major, which is of modern design and constructed of permanent materials.

Periodical inspections are made and it was not found necessary to draw the licensee's attention to any infringement of the Cinematograph Act or the Public Health Act, 1936.

The Llanharan Cinema now uses non-inflammable films and does not come within the scope of the Act. The building is principally of temporary materials and generally below the standard desired.

Public Health (Aircraft) Regulations, 1938

No further steps have been taken to establish the Royal Air Force Station at Llandow as an airport, and with the operation of the Rhoose Airport it seems doubtful if any civilian developments will take place here.

Atmospheric Pollution and Smoke Abatement

The atmosphere throughout the rural area is reasonably clear. There are no large dust or smoke producing factories but observations are kept in the area around the Aberthaw Cement Works which is sited in the area of the Cardiff Rural District Council just over the boundary.

In the north there are some collieries and small factories.

(a) ABERTHAW CEMENT WORKS

No complaints were received during the year.

(b) COED ELY BY-PRODUCT WORKS

These works are kept under observation. During the year the Inspector of Alkali etc. Works further investigated the smoke nuisance arising from the charging of the coke ovens. As a result of these investigations arrangements were made to ignite the escaping gas on top of the ovens. This reduced the emission of gas to periods of about half a minute at the commencement and finish of each charging operation as compared with 10 minutes previously. These improvements, it is claimed, reduce the smoke emission to about 10% of what it was previously.

(c) BRONZE SMELTERS LTD., TYLAGARW

These works were kept under observation during the year and several inspections were made followed by conferences with the Manager.

This case was discussed with the Alkali Inspector who also made several visits to the works during the year. The Manager, following a suggestion in a technical journal, employed a new mixture as flux which reduced the temperature of the furnace. This new method resulted in improvements.

Factories Act, 1937

Four informal notices were served for the repair or cleansing of sanitary accommodation for factory employees, and three served for insufficient closets. The work of alteration of one of the defective closets includes a difficult connection to the sewer and this was in hand at the end of the year.

(a) INSPECTION OF FACTORIES :

Premises	No. on Register	Inspections	Notices
Factories in which Sections 1, 2, 3, 4 and 6 are enforced by the Council	8	10	2
Factories not included in above in which S.7 only is enforced by the Council	38	55	5
TOTAL	46	65	7

(b) CASES WHERE DEFECTS WERE FOUND :

Particulars	Found	Remedied	Referred by H.M. Inspector
Want of Cleanliness (S.1)	—	—	—
Overcrowding (S.2)	—	—	—
Unreasonable Temperature (S.3)	—	—	—
Inadequate Ventilation (S.4)	—	—	—
Ineffective Drainage of Floors S.6	—	—	—
Sanitary Conveniences (S.7) :			
(a) Insufficient	3	3	—
(b) Unsuitable or Defective	4	3	—
(c) Not separate for Sexes	—	—	—
Other Offences against the Act (not including Offences relating to Outwork)	—	—	—
TOTAL	7	6	—

Outworkers

The following table sets out the numbers of outworkers known to be engaged in employment at their home addresses for factories which are situated outside this Area.

<i>Nature of Work</i>	<i>No. of Workers</i>	<i>Sex</i>	<i>Proceedings Taken</i>
Glove Making	3	Female	Nil

Eradication of Domestic Pests

(a) FLEAS

One summer hostel in the coastal area was treated with insecticide spray, etc., during the year.

(b) COCKROACHES

The Rodent Operative makes enquiries into these pests during his inspections of properties and 7 premises were treated by insecticide containing pybuthrin or D.D.T.

(c) ANTS

Supplies of specially made-up and bt bait traps containing thalium sulphate and/or a spray containing Lindane-pyrethrum are made available to occupants of infested premises.

In all cases subsequent inspections showed that the treatments were successful.

(d) BED BUGS

Thirteen premises were treated during the year for bed bugs. Eleven of these were on the Pantgwyn Housing Site at Llanharry.

The premises were sprayed with a proprietary insecticide containing D.D.T.

Other Pests

Advice is given to any resident in the area with any type of domestic pest problem. During the year the owner of a house, heavily infested with woodworm, was advised to treat the premises with hydrogen cyanide and this was carried out by a private firm of contractors.

Rodent Control

A Rodent Operative is employed for inspecting and treating infested premises. House to house and farm enquiries are periodically made to ascertain the extent of infestations in the area. Baiting is carried out according to the recommendations of the Ministry of Agriculture, Fisheries and Food.

During the year treatments consisted almost wholly of a bait containing a blood anti-coagulant. This type of treatment proves most successful and good results were obtained in almost all cases.

In difficult cases, where considerable alternative food is available, the same chemical is used in a tracking dust. This too, has proved successful.

There can be no doubt that the attempts made over the years to reduce the rat population have been successful and extensive infestations are now uncommon.

(a) SURFACE INFESTATIONS

A summary of the treatments carried out during the year is given below.

(b) SEWER TREATMENTS

The sewers throughout the area are treated regularly each six months in accordance with the Ministry's recommendation.

One treatment consists of bait of sausage rusk and zinc phosphide and the next of bread mash and arsenic.

Details of the treatment are summarised below.

SUMMARY OF RODENT CONTROL WORK, 1955

	No. of Properties	Inspections	Infestations found	Treatments carried out
Local Authority	3	Nil	Nil	Nil
Private Dwellings	3837	893	59	49
Business Premises	150	142	17	12
Agricultural	333	196	9	Nil
TOTAL	4323	1,231	85	61

SEWER RODENT CONTROL

Details of Treatments of Sewers for Rats during the Year ending 31st December, 1955

Sewerage Scheme	Manholes in System	Manholes showing prebait take	
		Jan., 1955	Oct., 1955
St. Athan	103	2	5
Llanharry	42	1	—
Boverton	49	—	1
Llantwit Major	104	8	12
Llanharan	108	25	24
Brynna	44	11	16
TOTALS	450	47	58

Drainage and Sewerage—New Schemes

(a) COWBRIDGE AND LLANBLETHIAN JOINT SEWERAGE SCHEME

The above scheme was commenced in 1953 and the first house connections were made during 1955. The scheme will be completed in the early part of 1956.

(b) EXTENSION OF LLANHARRY SEWAGE DISPOSAL WORKS

Work proceeded during the year on the enlargement of the above works.

(c) ST. ATHAN AND GILESTON NO. 3 SCHEME (SEA OUTFALL AND SEWERAGE OF GILESTON VILLAGE)

The Council's Consulting Engineers agreed with the British Electricity Authority on the amended line of the above proposed sewer resulting from the proposed erection of a generating station at The Leys.

Existing Schemes

(a) COUNCIL HOUSING SITES

Small sewage disposal plants are in operation at Ystradowen, Treoes and Marcross.

(b) PUBLIC SEWERS ARE AVAILABLE AT :—

Llantwit Major \ Combined sea outfall at Llantwit Major
Boverton /

St. Athan Temporary storage tanks and disposal in mouth of River Thaw.

Llanharry Filtration plant.

Llanharan Filtration plant.

Brynna Filtration plant.

Ynysmardy Filtration plant.

In addition, the Council have an agreement for sewage from Pembroke Street, Thomastown and Coedcae Lane and Tylagarw, Llanharry, to discharge into the public sewers of the Llantrisant and Llantwit Fardre Rural District Council.

Future Sewerage Schemes

The Sanitary Inspector's report on the result of the Rural Housing Survey (referred to elsewhere in this report) discloses the need for sewerage some of the larger villages particularly those containing Council houses now draining to communal cesspools.

In particular, mention is made of Llandow, Llanmaes, Llysworney and the village of Treoes (the Council site here is already sewered).

It is felt that as soon as circumstances permit steps should be made to sewer these areas.

Closet Conversions, 1955

The Council gave a grant of £12 0s. 0d. towards the cost of the conversion of earth closets to pail closets.

Particulars of the applications received during 1955 and those received since the scheme was first introduced in 1952 are given below:-

(a) Applications granted from 1952 to 1954 41

(b) Applications granted during 1955 7

SCHEDULE SHOWING MODE OF DRAINAGE DISPOSAL OF HOUSES IN AREA
AS AT 31ST DECEMBER, 1955.

Total Houses	Drainage		Unsatisfactory or no Drainage
	To Sewer	To Cesspool	
3,837	2,641	665	531
100%	68.8%	17.3%	13.9%

Closet Accommodation

- (a) Number of earth closets converted to water carriage system .. 40
- (b) Number of water closets provided to new dwellings 69

SCHEDULE SHOWING TYPES OF CLOSETS IN AREA AS AT 31ST DECEMBER, 1955

Water Closets	Earth Closets, Vaults, etc.	Total
3,105	732	3,837
80.9%	19.1%	100%

DRAINAGE WORKS CARRIED OUT DURING 1955
CONNECTIONS TO PUBLIC SEWERS

Scheme	Houses	Business Premises	Total
Tylagarw	1	—	1
Llanharry	1	2	3
Llanharan	1	1	2
Llantwit Major	5	1	6
Boverton	—	—	—
St. Athan	39	—	39
Treoes Housing Site	17	—	17
Brynna	—	—	—
Llanblethian and Aberthyn	161	—	161
TOTALS	225	4	229

- (a) Provision of new drainage work and/or cesspool to existing houses 10
- (b) Inspection of drainage, sewers and sewage disposal works 929

FOOD HYGIENE

Educational Campaign

In a scattered area of this type it is not possible to arrange any lectures on food hygiene. The educational activities of the Council take the form of calls and talks with individual traders on their own premises.

Clean Food Campaign

Various campaigns have been conducted by the Sanitary Inspector over the years and it is hoped to conduct a special survey when the New Food Hygiene Regulations come into force in 1956.

These Regulations will considerably strengthen the powers of local authorities to deal with the important question of Food Hygiene.

Hygiene of Licenced Houses

The following further works were carried out in licensed premises in the area as a result of informal action commenced in 1954 :—
CROSS INN, LLANBLETHIAN—New hot water service provided.

With very few exceptions all licenced premises are provided with hot and cold water for glass washing together with modern sanitary conveniences.

Manufacture of Sausages, Pressed Meats, etc.

Fifteen premises are registered for the manufacture of sausages, pressed meats, etc. These are small butchers catering for their own shop trade.

Premises are generally satisfactory and comply with Section 13 of the Food and Drugs Act, 1938.

Milk Supply

(a) BACTERIOLOGICAL EXAMINATION

Only one sample of milk taken for bacteriological examination was unsatisfactory. This was found to be a sample of milk several days old and had become mixed with a new consignment.

(b) TUBERCLE BACILLI

Twenty-four samples were taken for examination for Tubercle Bacilli during the year. There were no positive results.

Milk

SPECIFIED AREA

During the year the Cowbridge Rural District Council became a specified area under the Food and Drugs (Milk, Dairies and Artificial Cream) Act, 1950. The effect of this Act is that only Tuberculin Tested, Tuberculin Tested (Pasteurised), Pasteurised and Sterilised milk may be sold in the district. Such milk has to be delivered to the consumer in sealed bottles or containers and it is now illegal to retail milk by can, dipper or measure. In addition, all pasteurised milk must now be bottled at the premises at which it is pasturised and it is illegal for dealers to break down pasteurised milk in their dairies or at any time while in their possession.

Milk Licences Granted by the District Council

(a) Dealers' Licences : Pasteurised	.....	.....	.....	23
(b) Dealers' Licences : Tuberculin Tested	.....	.....	.....	7
(c) Dealers' Licences : T.T. (Pasteurised)	.....	.....	.....	15
(d) Dealers' Licences : Sterilised Milk	.....	.....	.....	4
(e) Supplementary Licences : Pasteurised	.....	.....	.....	2
(f) Supplementary Licences : Tuberculin Tested	.....	.....	.....	2
(g) Supplementary Licences : T.T. (Pasteurised)	.....	.....	.....	1
(h) Supplementary Licences : Sterilised	.....	.....	.....	Nil

Licences Granted by the Glamorgan County Council

(a) Pasteurising Establishments	1
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				<i>Applications for</i>	<i>Cancellations</i>
(a) Distributors	6	2
(b) Dairies	—	1

Number on Register at End of Year :—

(a) Distributors	.....	.....	.....	28
(b) Dairies	.....	.....	.....	13

Milk Samples

(a) EXAMINATION FOR TUBERCLE BACILLI				
Number of samples giving positive results	.....	.....	.....	-
Number of samples giving negative results	.....	.....	.....	24
				—24
(b) MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936-1946				
Pasteurised samples : Satisfactory	.....	.....	.....	16
Unsatisfactory	.....	.....	.....	1
				—17
(c) TUBERCULIN TESTED				
Samples satisfactory, Methylene Blue	.....	.....	.....	2
Samples unsatisfactory, Methylene Blue	.....	.....	.....	-
				— 2
(d) TUBERCULIN TESTED (PASTURISED)				
Samples satisfactory	.....	.....	.....	4
Samples unsatisfactory	.....	.....	.....	-
				— 4
(e) STERILISED MILK				
Samples satisfactory	.....	.....	.....	1
Samples unsatisfactory	.....	.....	.....	-
				— 1
				—
TOTAL MILK SAMPLES TAKEN				48
				—

Disposal of Condemned Foods

All unsound meat is treated with an approved dye and disposed of to a licenced dealer who possesses a modern digesting plant for dealing with such foods.

The same dealer also collects waste from the licenced slaughter-house in the area.

Ice Cream

One manufacturer only produces ice cream by the Heat Treatment method and one uses the Complete Cold Mix method. These manufacturers do not wholesale any of their products. The remaining dealers purchase their ice cream from registered manufacturers outside the area.

For the first time since samples were taken in 1947 no results were in Grades 3 or 4.

All samples except one were in Grade 1.

The Council have a standard for all premises manufacturing and

selling ice cream and inspections are made before registrations are granted. Routine inspections are made of premises but it was not found necessary to take any official action under the Ice Cream (Heat Treatment) Regulations, 1947.

THE RESULTS OF SAMPLES OF ICE-CREAM DURING 1955

Provisional Grade		Provisional Classification	No. of Samples
Grade 1	.....	Satisfactory	43
Grade 2	.....	Fairly Satisfactory	1
Grade 3	.....	Unsatisfactory	—
Grade 4	.....	Very Unsatisfactory	—
TOTAL SAMPLES			44

COMPARISON OF ANALYSES WITH PREVIOUS YEARS

Provisional Grade	Percentage of Samples in Cowbridge Rural Area							
	1947	1949	1950	1951	1952	1953	1954	1955
1	9.0	40.0	55.8	78.1	79.4	82.1	80.7	97.7
2	4.5	10.0	13.9	2.4	14.7	12.8	5.3	2.3
3	45.5	35.0	23.3	7.3	5.9	2.5	10.5	—
4	41.0	15.0	7.0	12.2	—	2.5	3.5	—

Slaughtering Arrangements

Only one slaughterhouse is licenced by the Council. This is sited at Llanharan and all animals slaughtered here were inspected during the year. The accommodation consists of a small slaughtering hall with lairage adjoining.

The remaining butchers in the area purchase meat from the Fatstock Marketing Corporation or other wholesalers or they have their animals slaughtered at Bridgend or Pontypridd.

Details of the slaughtering carried out during the year are shown on the accompanying schedule.

The Sanitary Inspector is authorised to certify on the Deadweight Basis any pigs slaughtered in the area.

Carcases Inspected and Condemned

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	—	—	—	—	—
Number inspected	62	—	5	308	122
All diseases (except tuberculosis) — Whole carcasses condemned	—	—	—	—	—
Carcases of which some part or organ was condemned	34	—	—	36	7
Percentage of the number inspected affected with disease other than tuberculosis	54.8%	—	—	11.7%	5.7%
Tuberculosis only. Whole carcasses condemned	—	—	—	—	—
Carcases of which some part or organ was condemned	6	—	—	—	2
Percentage of the number inspected affected with tuberculosis	9.7%	—	—	—	1.6%

Inspection of Bacon Pigs

Butchers undertaking the slaughter of farmers' bacon pigs were again invited to notify the day and time of slaughter in order that inspections of the carcasses and offal could be made by the Sanitary Inspector.

During control details of food licences issued gave some indication of the slaughter of bacon pigs, but since the restrictions were removed there has been little or no call for this service. There has also been a considerable decrease in the number of farmers' and cottagers' bacon pigs.

Observations of Meat Inspector

The percentage of cattle affected with conditions of a non-tubercular nature may appear to be high, but in the majority of cases the conditions found were limited to the liver which was infected with *distoma hepaticum* (liver fluke). This condition is common in wet seasons and although 1955 was generally dry, the cattle killed probably became infected during the previous year. A small snail acts as the intermediary host and these are usually present in wet pastures.

Six beasts were infected with tuberculosis in some form. In one case only was some part of the carcase involved. The remainder were liver and/or lungs.

11.7% of the sheep inspected were infected with a condition of parasitic origin, limited to the liver.

1.6% of the pigs were infected with tuberculosis; this represents two pigs' heads.

There were no cases of cysticercus bovis.

Registration of Food Premises, 1955

<i>Registrations</i>	<i>No. on Register at beginning of year</i>	<i>New Applications</i>	<i>Can-cellations</i>	<i>Trans-fers</i>	<i>No. on register at end of year</i>
For the preparation and manufacture of Sausages, Potted, Pressed, Pickled, or preserved foods intended for sale	15	2	2	—	15
Ice-cream Manu-facturers	4	—	—	—	4
Ice-cream Retailers	39	9	3	4	45

MEAT AND FOODS CONDEMNED—1955

	lbs.	ozs.
Beef (home killed)	787	0
Lamb	24	0
Pork	30	12
Beef Liver	313	0
Lamb Liver	74	8
Beast Lungs	43	0
Pork Liver	15	8
Pork Lungs	3	0
Polish Gammon	30	0
Cooked Ham	40	0
Corned Beef	6	0
Cooked Pork	5	8
Minced Meat Loaf		12
Tongues		12
Grapefruit	6	9
Pears	1	13
Apricots	1	13
Damsons	2	0
Oranges		11
Tomatoes	1	0
Baked Beans	4	0
Peas	1	9
Soups		10½
	1,393 lbs.	13½ ozs.

**Samples taken by the County Sanitary Inspector in the Cowbridge Rural
District during the year ended 31st December, 1955**

Milk	138
Canned Plums	1
Table Jelly	1
Tomato Juice	2
Canned Fish	2
Semolina	1
Orange Drink.....	1
Sage and Onion Stuffing	1
Dried Peas	1
Custard Powder	1
Boracic Crystals	1
Aspirin Tablets	1
Vitamin Capsules, etc.	2
Ice Cream	4
Butter	2
Cake and Pudding Mixture	1
Mustard	2
Golden Raising Powder	1
Tomato Juice Cocktail	1
Coffee and Chicory Essence.....	3
Vinegar	2
Beef Sausages.....	1
Canned Carrots	1
Meat Paste	2
Mincemeat	2
Sponge Mixture	5
Orange Squash	1
Margarine	2
Pork Sausages	1
Condensed Milk	1
Sweets	1
Sugar	2
Pastry Mixture	3
Raisins	1
Shredded Beef Suet	1
Porage Oats	1
Tea Cake Mixture	2
Curry Powder	1
Sterilised Cream	1
Icing Sugar	1
Canned Fruit.....	1
Salad Cream	1
Tea	2
TOTAL.	203

Sanitary Inspection of the Area, 1955

	No. of Inspections	Informal Notices	Work Done	Work in hand	Work not done	Statutory Notices	Work done	Work not done	Work in hand	Undertakings Closing Orders and Demolition Orders
Sewers and Sewage Disposal	553	6	1	5		4	2		2	
Drains	376	10	6	2	2	100	99	1		
Meat, Food & Food Hygiene	249									
Dairies and Milk Distribution	72									
Housing	592	27	13	7	7	9	3	3	3	9
Housing Recorded Inspections	297									
Public Health Acts & Nuisances	463	17	15	1	1	54	51	1	2	
Infectious Disease	485									
Disinfections & Disinfestations	68									
Workshops, Factories, etc.	65	7	6	1						
Refuse Collection & Disposal	1772	53	53							
Water Supplies	175	1	1							
Cinemas	10									
National Assistance Act	58									
Petroleum and Explosives	22									
Works in Progress	14									
Rodent Control	84									
Miscellaneous.....	1232									
TOTAL	6587	121	95	16	10	167	155	5	7	9

Note—The above excludes works carried out by the Council's Works Department on Council property, and rodent inspections made by the Rodent Operator.

In conclusion, I wish to thank the members of the Council and Chief Officials of the Departments, together with the staff of the Health Department for their co-operation and assistance during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

G. McKIM THOMAS,

July, 1956.

Medical Officer of Health.

